

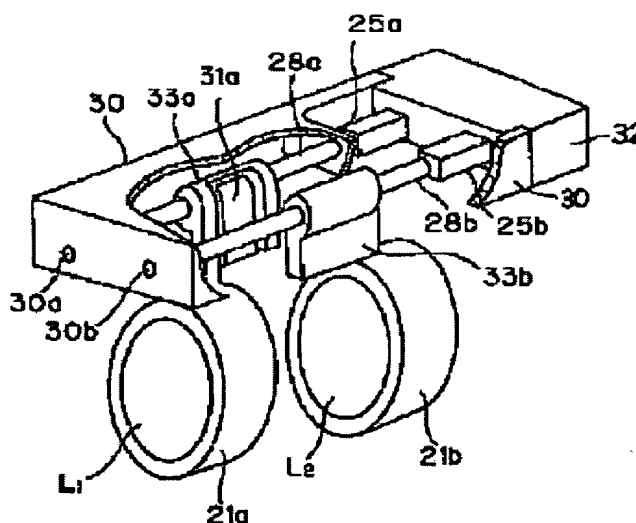
## DRIVING DEVICE

**Patent number:** JP11231198  
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**Applicant:** MINOLTA CO LTD  
**Classification:**  
- international: **G02B7/04; G02B7/08; G02B7/04; G02B7/08; (IPC1-7): G02B7/04; G02B7/08**  
- european:  
**Application number:** JP19980029461 19980212  
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### Abstract of JP11231198

**PROBLEM TO BE SOLVED:** To prevent the deterioration of positioning accuracy for a moving body caused by such a situation that the mass of a fixed member fixed at the rear end of a piezoelectric element is small in the case of miniaturizing a driving device provided with plural driving parts for linearly moving the moving body by the reciprocation of a driving shaft by the elongation and contraction of the piezoelectric element, so that the fixed member is easily moved and the moving amount of the driving shaft with respect to the elongation and contraction of the piezoelectric element is unstable. **SOLUTION:** By constituting the fixed member 32 fixed at the rear end of two piezoelectric elements 25a and 25b of one metallic large member and making the inertia force of the member 32 large, the member 32 is prevented from moving with respect to the elongation and contraction of the elements 25a and 25b. Then, the respective moving bodies are stably moved in the plural driving parts using the piezoelectric elements.



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